ADS1 ASSIGNMENT

Graphs and Explanations

Chart, line chart

Description automatically generated

The line plot shows the historic causes of death from 1990 to 2019.

I used a line graph as it allows a visual representation of the rate of mortality due to meningitis over a period of 30 years. From this graph it is possible to gage the overall trend of data from both, Ghana and the United Kingdom showing a peak within Ghana occurring between the years of 1995 and 2000, followed by a fluctuating downfall in deaths. Compared to the slope seen for the UK which represents a gradual and steady decrease in the number of deaths caused by meningitis. Overall, the mortality rate in both countries is seen to be at its lowest in 2020 showing a negative correlation between the number of deaths caused by Meningitis over a period of time.

Chart, bar chart

Description automatically generated

The bar chart shows the mortality rate of meningitis in selected territories. I chose to represent this data using a bar chart as it allows a clear visual comparison to be made between distribution of Meningitis as a cause of death.

Chart, pie chart

Description automatically generated

The pie chart shows the maximum cause of death, malaria, across selected countries.

I chose a pie chart because it is a good way to compare the magnitude of countries as per their cause of deaths.

Link to data source

https://www.kaggle.com/datasets/iamsouravbanerjee/cause-of-deaths-around-the-world

Link to github repository

https://github.com/Tengey/ADS1\_Visualisation